

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	564	(casing and tensioning free and web and bolts and flanges and strip and tubular and sleeve and sealing and reinforcing and gap and pair and longitudinal same gripping same ring).CLM.	US-PGPUB; USPAT	OR	ON	2008/03/07 17:54
L14	0	(tubular casing flanges tensioning frustoconical gripping rings strip metal tube gap coupling sealing sleeve free ends projecting reinforcing surface-to-surface). CLM.	US-PGPUB; USPAT	SAME	ON	2008/03/07 17:58
L15	0	(tubular casing flanges tensioning frustoconical gripping rings strip metal tube gap coupling sealing sleeve free ends projecting reinforcing). CLM.	US-PGPUB; USPAT	SAME	ON	2008/03/07 17:59
L16	1	(tubular casing flanges tensioning gripping rings strip metal tube gap coupling sealing sleeve free ends projecting reinforcing). CLM.	US-PGPUB; USPAT	SAME	ON	2008/03/07 18:00
S1	3	(("6758501") or ("20020014772") or ("20030015872") or ("20020014772")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 06:26
S2	3	(("6877780") or ("4813720") or ("4261600")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 07:29
S3	36	("1306982"   "1910411"   "2360054"   "3060994"   "3944265"   "4049298"   "4056273"   "4165109").PN. OR ("4261600").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 07:30
S4	0	("2002/0014772").URPN.	USPAT	OR	OFF	2006/12/26 08:22
S5	36	("1306982"   "1910411"   "2360054"   "3060994"   "3944265"   "4049298"   "4056273"   "4165109").PN. OR ("4261600").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:23
S6	55	("1146813"   "1594286"   "2227551"   "2314236"   "2713352"   "2787051"   "3087221"   "3216079"   "3411748"   "3708834"   "3847419").PN. OR ("3944265").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:25
S7	19	("0813674"   "2227551"   "3700008"   "3801141"   "3944265"   "4049298"   "4312526"   "4463975"   "4466642").PN. OR ("4813718").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:30
S8	38	("1938974"   "1978195"   "2227551"   "2495622"   "2739018"   "2956820"   "3004781"   "3053554"   "3435823"   "3565468"   "3905523"   "4049298"   "4056273"   "4142743"   "4473246"   "4583770"   "4629226"   "4660862"   "4813718"   "5267425"   "5323584"   "5588680"   "5823581"   "6089624"   "6199921"   "6398267").PN. OR ("6758501").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:35
S9	24	("1733072"   "3004781"   "3944265"   "4049298").PN. OR ("4142743").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:45

S10	42	({"1864339"   "1938974"   "1978195"   "2227551"   "2495622"   "2739018"   "2776153"   "2956820"   "3004781"   "3053554"   "3435823"   "3565468"   "3905623"   "4049298"   "4056273"   "4142743"   "4473246"   "4583770"   "4629226"   "4660862"   "4813718"   "5267425"   "5323584"   "5588680"   "5823581"   "6089624"   "6199921"   "6398267"   "0895143").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 08:45
S11	31	({"1745295"   "2227551"   "2495622"   "2512741"   "2690193"   "2983982"   "3004781"   "3178208"   "4049298"   "4056273"   "4083588"   "4155747"   "4312526"   "4473246"   "4558891"   "4750242"   "4790574"   "4813718"   "4813720"   "5116083"   "6116659"   "6305054").PN. OR ("6860527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:07
S12	2	{"5267425"   "5323584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:10
S13	22	({"2189350"   "2227551"   "2495622"   "3782763"   "4049298"   "4380227"   "4364588"   "4380348"   "4409873"   "4463975"   "4664428"   "5007666"   "5137305"   "5362107"   "5383496"   "5905231"   "5961161"   "6431216"   "6758501").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:10
S14	64	({"0912638"   "1541601"   "1607943"   "1839761"   "2068648"   "2752173"   "2760792"   "2774617"   "2899984"   "2913262"   "2950930"   "2958546"   "2962205"   "3153550"   "3211475"   "3215455"   "3235293"   "3432189"   "3464722"   "3501179"   "3508766"   "3550638"   "3563573"   "3596934"   "3633947"   "3834744"   "4008937"   "4018979").PN. OR ("4360227").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:11
S15	14	({"1087969"   "1655766"   "2791807"   "3011530"   "3731445"   "3915045"   "4115902").PN. OR ("4409873").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:49
S16	1903	(24/282,279,280,20LS,20R).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 09:50
S17	12	({"0565698"   "1978195"   "4299012"   "4813718"   "5305499"   "5564167"   "6088886").PN. OR ("6398267").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 10:05
S18	1	{"20020014772").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 10:23
S19	6	(("2731280") or ("5411162") or ("6073977") or ("3207538")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 10:26
S20	3	(("3905623") or ("4312526") or ("6269524")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 10:27
S21	12	({"0041630"   "0554446"   "1330737"   "4237584"   "4299012"   "4724583"   "4750242").PN. OR ("5191683").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 11:35
S22	3260	(285/420,397,398,419,373).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 11:35
S23	1690	(285/420,419).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 12:57

S24	1756	(285/397,398,373).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 11:00
S25	62715	tongue groove	US-PGPUB; USPAT; USOCR	AND	OFF	2006/12/26 13:07
S26	15045	S25 and (seal or gasket)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/12/26 13:08
S27	6440	S26 and angle	US-PGPUB; USPAT; USOCR	AND	OFF	2006/12/26 13:12
S28	3543	S27 and (pipe or tube or tubular)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/12/26 13:22
S29	16	ignaczak brlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/26 13:24
S30	20	amedure michael	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/26 13:26
S31	1906	lee kevin	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/26 13:26
S32	173	kevin adj lee	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/26 13:26
S33	31	("1745295"   "2227551"   "2495622"   "2512741"   "2690193"   "2983982"   "3004781"   "3178208"   "4049298"   "4056273"   "4083588"   "4155574"   "4312526"   "4473246"   "4558891"   "4750242"   "4790574"   "4813718"   "4813720"   "5116083"   "6116659"   "6305054").PN, OR ("6860527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:14
S34	2	("2227551").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:14
S35	45	("0848139"   "0852997"   "0973466"   "1146813"   "2004182"   "2227551"   "2690193"   "2828525"   "2908061"   "2998629"   "3004781"   "3565468"   "3905623"   "3944265"   "4049298"   "4056273"   "4142743"   "4165109"   "4261600"   "4312526"   "4364588"   "4365392"   "4408788"   "4463975"   "4558891"   "4790574"   "4813720"   "5010626"   "5116083"   "5720086"   "6116659"   "6269524"   "RE30042").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:33
S36	16	("0848139"   "0973466"   "1146813"   "2227551"   "2998629"   "3004781"   "4261600"   "4365392"   "4558891"   "4790574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:19
S37	12	("0041630"   "0554446"   "1330737"   "4237584"   "4299012"   "4724583"   "4750242").PN, OR ("5191683").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:58
S38	111	zip-tie	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:58
S39	32	("1021203"   "1201196"   "1662189"   "2446155"   "2778533"   "2921716"   "2977973"   "2981443"   "3081911"   "3282477"   "3583602"   "4004614"   "4261386"   "4709835"   "4793504"   "4795062"   "4813578"   "4934654"   "4998990"   "5351849"   "5657792").PN, OR ("5887626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 15:01

S40	17	("3788676"   "4132225"   "4231596"   "4530527"   "4660860"   "4669641"   "4688833"   "4708370"   "4722556"   "4758027"   "5149149"   "5325980"   "5333910").PN, OR ("5657792").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 15:01
S41	21	("0278800"   "0319144").PN, OR ("4660860").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 15:02
S42	8	("278800").URPN.	USPAT	OR	OFF	2006/12/26 15:03
S43	68	("1326853"   "2070783"   "2387011"   "2516728"   "2597593"   "2630247"   "3134522"   "3250434"   "3298577"   "3676076"   "3826409"   "4004709"   "4073413"   "4082827"   "4091955"   "4095728"   "4105135"   "4153172"   "4252246"   "4380302"   "4401241"   "4426027"   "4428498"   "4458824"   "4466553"   "4492324"   "4529099"   "4583668"   "4593690"   "4600125"   "4602728"   "4640446"   "4650100"   "4706719"   "4730747"   "4773458"   "4811865"   "4832238"   "4844270"   "4854471"   "4921147"   "5000236"   "5152416"   "5154327"   "5184747"   "5415316"   "5513768"   "5573525"   "5657792"   "5913441"   "5927594"   "5944228"   "5975328"   "6003709"   "6036061"   "6068153"   "6145688").PN, OR ("6478180").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 15:08
S44	14	("2185604"   "2768777"   "3195798"   "3219255"   "3512699"   "3520468"   "3958747"   "4258875").PN, OR ("4304355").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 06:43
S45	7	("3522949").URPN.	USPAT	OR	OFF	2006/12/27 06:55
S46	14205	band same (tongue or tab)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:19
S47	6279	S46 and metal	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:20
S48	41	("20030229972"   "3302258"   "3360162"   "3379341"   "3537146"   "360027"   "3660869"   "3712655"   "3779374"   "3965538"   "4001919"   "4046312"   "4128220"   "4312614"   "4441233"   "4454632"   "4489465"   "4501049"   "4506415"   "4697833"   "4752054"   "5193250"   "5197164"   "5337503"   "5524945"   "5651652"   "5774974"   "5881435"   "5901416"   "6105210"   "6105908"   "6185791"   "6347434"   "6449808"   "6536082"   "6698068"   "6828509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:23
S49	9	("2001004397"   "20030103413"   "20040022130"   "20040151071"   "5615179"   "5894454"   "6192253"   "6536941"   "6753882").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:28
S50	12	("0477618"   "2086404"   "2990080"   "3402844"   "5462187"   "5829607"   "6164473"   "6398050").PN, OR ("6905038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 07:34

S51	4	("4299012"   "4724583"   "4803758"   "5533235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:06
S52	49	("0301484"   "0308635"   "0388123"   "0399238"   "0443376"   "0820856"   "0866183"   "0957117"   "1026302"   "1107303"   "1110822"   "1280184"   "1550720"   "1986508"   "1986519"   "2053169"   "2059826"   "2308278"   "2315698"   "2437714"   "3167786"   "4575873"   "4597951"   "5040524"   "5207663").PN, OR ("5488738").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:27
S53	12	("0973532"   "1786612"   "2318816"   "4492004"   "4907319"   "5138746").PN, OR ("5402554").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:33
S54	14	("3279107"   "4142310").PN, OR ("4612718").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:56
S55	30	("1246753"   "1890280"   "2163016"   "2954620"   "2961785").PN, OR ("4154011").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 09:29
S56	27	("0155813"   "0356772"   "0435880"   "0808297"   "0935279"   "1775094"   "2084412"   "3981052"   "4023826").PN, OR ("4102020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 09:31
S57	2	("3520563").URPN.	USPAT	OR	OFF	2006/12/27 09:40
S58	99	("20050264012"   "5257836"   "6758501"   "7025393"   "20020014772"   "20040222633"   "20060138776"   "20060175837"   "5015015"   "5639127"   "5950683"   "5971439"   "5992896"   "3861721"   "4299413"   "4328983"   "4527820"   "4564224"   "4773680"   "4997042"   "5048596"   "5176409"   "5224741"   "5240291"   "5330238"   "5335945"   "5368070"   "5722702"   "6024303"   "6817420"   "20030051882"   "2005006104"   "20050082831"   "4518177"   "4422673"   "4842306"   "5282654"   "5941535"   "3630550"   "3836182"   "3813116"   "4056279"   "4336014"   "4426106"   "4616858"   "4621841"   "4629226"   "4997212"   "5219001"   "5230537"   "5250872"   "5351720"   "5465758"   "5570890"   "5642891"   "5732955"   "5769459"   "6032688"   "6113156"   "6122870"   "6216724"   "6216724"   "6237963"   "6305133"   "6336297"   "6405502"   "6440245"   "6450547"   "6470635"   "6830268"   "6863312"   "6969071"   "20040046322"   "20040100091"   "20040104576"   "20040108713"   "20060181078"   "6145896"   "20050189768"   "20060192385"   "5707341"   "5836864"   "7111641"   "20050109406"   "6015169"   "4293147"   "5975588"   "4342519"   "4384222"   "4619555"   "4630635"   "4771803"   "4930791"   "5195562"   "5280969"   "5407214"   "5744085"   "5759595"   "6131956"   "4260295" ).pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 11:08

S59	45	(“0848139”   “0852997”   “0973466”   “1146813”   “2004182”   “2227551”   “2690193”   “2828525”   “2908061”   “2998629”   “3004781”   “3565468”   “3905623”   “3944265”   “4049298”   “4056273”   “4142743”   “4165109”   “4261600”   “4312526”   “4364588”   “4365392”   “4408788”   “4463975”   “4558891”   “4790574”   “4813720”   “5010626”   “5116083”   “5720086”   “6116659”   “6269524”   “RE30042”).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/12/28 16:00
S60	52	(“1221425”   “1978195”   “2189350”   “2227551”   “2426423”   “2495622”   “2731280”   “3207538”   “3782763”   “4049298”   “4261600”   “4312526”   “4360227”   “4364588”   “4380348”   “4409873”   “4463975”   “4473246”   “4629226”   “4664428”   “4813720”   “5007666”   “5137305”   “5362107”   “5383496”   “5411162”   “5720086”   “5722701”   “5905231”   “5944365”   “5961161”   “6030005”   “6062610”   “6073977”   “6089624”   “6199921”   “6269524”   “6398267”   “6431216”   “6758501”).PN. OR (“6877780”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/26 05:33
S61	32	(“1826947”   “2936503”   “3029724”   “3283348”   “3400100”   “3475597”   “3762884”   “3861180”   “4092519”   “4189317”   “4219125”   “4267940”   “4604169”   “4828139”   “4999259”   “5074428”).PN. OR (“5411162”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/26 05:37
S62	14	(“2189350”   “2731280”   “3207538”   “4049298”   “4463975”   “5383496”   “5411162”   “5961161”   “6073977”   “6758501”   “6877780”).PN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/26 05:38
S63	32	(“3061339”   “3104898”   “3232647”   “3376055”   “3479066”   “3565468”   “4101151”   “4172607”).PN. OR (“4380348”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/26 05:47
S64	18	(“4380348”).URPN.	USPAT	OR	ON	2007/08/29 15:55
S65	18	(“4380348”).URPN.	USPAT	OR	ON	2007/08/29 15:55
S66	18	(“4380348”).URPN.	USPAT	OR	ON	2007/08/29 15:55
S67	18	(“4380348”).URPN.	USPAT	OR	ON	2007/08/29 15:55
S68	32	(“3061339”   “3104898”   “3232647”   “3376055”   “3479066”   “3565468”   “4101151”   “4172607”).PN. OR (“4380348”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/29 16:01

S69	63	US-20060107498-\$ or US-20060138776-\$ or US-20010047572-\$ or US-20040216284-\$ or US-20050039306-\$ or US-20060175837-\$ or US-20020014772-\$ or US-20030015872-\$ or US-20050184522-\$ or US-20060192385-\$ or US-20020059703-\$ or US-20030107220-\$ or US-20040222633-\$ or US-20050264012-\$). did. or (US-4142743-\$ or US-6519815-\$ or US-7052052-\$ or US-5383693-\$ or US-5191683-\$ or US-2120211-\$ or US-RE22156-\$ or US-4128220-\$ or US-3537146-\$ or US-3905623-\$ or US-4473246-\$ or US-4664428-\$ or US-4409873-\$ or US-4380348-\$ or US-5116083-\$ or US-6860527-\$ or US-2690193-\$ or US-5383496-\$ or US-4360227-\$ or US-3944265-\$ or US-3004781-\$ or US-5765876-\$ or US-6634607-\$ or US-6796004-\$ or US-6758501-\$ or US-4261600-\$). did. or (US-4813720-\$ or US-4726611-\$ or US-6877780-\$ or US-4609213-\$ or US-4813718-\$ or US-5402554-\$ or US-1978195-\$ or US-4312526-\$ or US-5411162-\$ or US-5267425-\$ or US-4790574-\$ or US-5323584-\$ or US-3207538-\$ or US-2227551-\$ or US-6269524-\$ or US-4480860-\$ or US-6305054-\$ or US-4008937-\$ or US-4310184-\$ or US-7025393-\$). did. or (US-3004781-\$ or US-3435823-\$ or US-3279107-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 20:36
S70	4	S69 and hewitt.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/06 20:37
S71	216	"285".clas. and hewitt.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/06 20:39
S72	5	S71 and amedure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/06 20:55
S73	6098	((285/369,373,111,112,340,420) or (24/279,280,281,282)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/06 21:31
S74	47	S73 and @PD>"20070327"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/06 21:32

3/7/2008 6:02:47 PM

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